DECLARATION FOR UTILITY PATENT APPLICATION (37 C.F.R. 1.63)		Attorney Docket No.	169.12-0514
		First Named Inventor	Peter Crane et al.
X Declaration	Declaration	Application Number	10/051,366
Submitted after Initial Filing (Surcharge (37 C.F.R. 1.16(e))	Filing Date	January 18, 2002	
	A Dogwired)	Group Art Unit	
MAR 0 1 2002	Required)	Examiner Name	

As a way name inventor, I hereby declare that my residence, post office address, and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MOVING COIL MICRO ACTUATOR WITH REDUCED ROTOR MASS

the specification of which:

is attached hereto OR'

<u>X</u> was filed on January 18, 2002 as United States Application Number 10/051,366 or PCT International Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign	Country	Foreign Filing Date	Certified Copy Attached?
Application Number(s)		(MM/DD/YYYY)	Yes No

.I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/262,895	01/19/2001	

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

DIRECT ALL CORRESPONDENCE TO:

Customer Number	00164
Attention	David R. Fairbairn
Telephone	(612) 339-1863
Fax	(612) 339-6580

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the elike so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Invento	r:	
Given Na	ame (First and middle (if any))	Family Name or Surname
_	Peter	Crane
Inventor's signature	Ble an	Date: Feb 8, 07
Residence	St. Paul, Minnesota	Citizenship: USA
Mailing·Address	384:Lawson Avenue East	
City, State, Country	St. Paul; Minnesota 55101, USA	

Second Inventor:		
Given Na	ame (First and middle (if any)).	Family Name or Surname
	Wayne A.	Bonin
Inventor's signature		Date:
Residence	North Oaks, Minnesota	Citizenship: USA
Mailing Address	21 Black Oak Road	
City, State, Country	North Oaks, Minnesota 55127, USA	

Third Inventor:		
Given Na	ame (First and middle (if any))	Family Name or Surname
	Roger L.	Hipwell, Jr.
Inventor's signature	Date:	
Residence	Eden Prairie, Minnesota	Citizenship: USA
Mailing Address	8080 Curtis Lane	
City, State, Country	Eden Prairie, Minnesota 55347-1111, US	SA

Fourth Inventor:			
Given Na	ame (First and middle (if any))	Family Name or Surname	
	Zine-Eddine	Boutaghou	
Inventor's signature	Date:		
Residence	Vadnais Heights, Minnesota	Citizenship: USA	
Mailing Address	307 Lily Pond Lane		
City, State, Country	Vadnais Heights, Minnesota 55127, USA		

DECLARATION FOR UTILITY	Attorney Docket No.	169.12-0514
PATENT APPLICATION (37 C.F.R. 1.63)	First Named Inventor	Peter Crane et al.
X Declaration PE Declaration	Application Number	10/051,366
Submitted after Initial with Initial Filing (Surcharge (37 C.F.R. 1.16(e)) Required)	Filing Date	January 18, 2002
	Group Art Unit	
	Examiner Name	
TRADEMIN		

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MOVING COIL MICRO ACTUATOR WITH REDUCED ROTOR MASS:

the specification of which:

is attached hereto OR'

<u>X</u> was filed on January 18, 2002 as United States Application Number 10/051,366 or PCT International Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Yes No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/262,895	01/19/2001

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

DIRECT ALL CORRESPONDENCE TO:

Customer Number	00164
Attention	David R. Fairbairn
Telephone	(612) 339-1863
Fax	(612) 339-6580

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Inventor:				
Given Na	nme (First and middle (if any))	Family Name or Surname		
	Peter	Crane		
Inventor's signature	Date:			
Residence	St. Paul, Minnesota	Citizenship: USA		
Mailing Address	384 Lawson Avenue East			
City, State, Country	St. Paul, Minnesota 55101, USA			

Second Inventor:				
Given Na	nme (First and middle (if any))	Family Name or Surname		
	Wayne A.	Bonin ·		
Inventor's signature	Wayn	Date: Z-8-07		
Residence	North Oaks, Minnesota	Citizenship: USA		
Mailing Address	21 Black Oak Road			
City, State, Country	North Oaks, Minnesota 55127, USA			

Third Inventor:		
Given Na	ame (First and middle (if any))	Family Name or Surname
	Roger L.	Hipwell, Jr.
Inventor's signature	Rg. 1 94 L	Date: 2/8/02
Residence	Eden-Prairie, Minnesota	Citizenship: USA
Mailing Address	8080 Curtis Lane 7562 Kime	BERLY LN E (RLM 2/14/02)
City, State, Country	Eden Prairie, Minnesota 55347-FFFt, USA	

Fourth Inventor:				
Given Na	ame (First and middle (if any))	Family Name or Surname		
	Zipe-Eddine	/ Boutaghou		
Inventor's signature	AMM Manu Manutal	M Date: 2/8/02		
Residence	Vadnais Heights, Minnesota	Citizenship: USA		
Mailing Address	307 Lily Pond Lane			
City, State, Country	Vadnais Heights, Minnesota 55127, USA			